

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28	703/27.ccls. and @pd>="20081201"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/05/14 17:22
L3	21	((((tim\$4 or performance) with annotat\$5) same (code or assem!\$2 or line)) and simulat\$4 and @pd>="20081201"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/05/14 17:29



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annotate assembler performance

1990

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[Compilation-based software performance estimation for system level design](#)

MT Lazarescu, JR Bammi, E Harcourt, L Lavagno, M ... - IEEE International High-Level Design Validation and Test ..., 2000 - [ieeexplore.ieee.org](#)

... An **annotated** C sim- ulation model is generated from the **assembler** output of the ... Although the **performance** annotations reflect the compiler optimizations, the ...

Cited by 21 - Related articles - Web Search - All 4 versions

[Vertebral Shape: Automatic Measurement with Active Shape Models 1- ▶ \[rsnajls.org\]\(#\)](#)

PP Smyth, CJ Taylor, JE Adams - Radiology, 1999 - RSNA

... The fracture-detection **performance** with the manually **annotated** full contour would reflect the potential **performance** of **ASM**-based fracture detection. ...

Cited by 55 - Related articles - Web Search - BL Direct - All 4 versions

[The SimpleScalar tool set, version 2.0- ▶ \[toronto.edu\]\(#\) \[PDF\]](#)

D Burger, TM Austin - ACM SIGARCH Computer Architecture News, 1997 - [portal.acm.org](#)

... have been aggressively tuned for **performance**, and can ... The **annotation** interface is useful for synthesizing new ... having to change and re.compile the **assembler**. ...

Cited by 1596 - Related articles - Web Search - BL Direct - All 127 versions

[An optimized protocol for analysis of EST sequences- ▶ \[nih.gov\]\(#\)](#)

F Liang, I Holt, G Perlea, S Karamycheva, SL ... - Nucleic Acids Research, 2000 - Oxford Univ Press

... to determine their **performance** in assembling EST sequences and developed a refined process of EST sequence cleaning, clustering, **assembly** and **annotation** that ...

Cited by 110 - Related articles - Web Search - BL Direct - All 21 versions

[Real-time performance of sorting algorithms](#)

PP Puschner - Real-Time Systems, 1999 - Springer

... To assess the SRT **performance** we determined soft execution time bounds ... program with the GNU GCC compiler and **annotated** the resulting **assembler** program with ...

Cited by 5 - Related articles - Web Search - BL Direct - All 4 versions

[\[PDF\] ▶ Java and scientific programming: Portable browsers for performance programming](#)

M Cierniak, S Srinivas - Java for Computational Science and Engineering- ..., 1997 - [hpjava.org](#)

... Page 14. **Annotated Assembly** Code Transformed Optimized Source ... xf c l cf % i"
Performance Experiment Data File 1 **Performance** Experiment Data File k ...

Cited by 4 - Related articles - View as HTML - Web Search - All 8 versions

[\[PDF\] ▶ A portable browser for performance programming](#)

M Cierniak, S Srinivas - Concurrency: Practice and Experience, 1997 - [citeseerx.ist.psu.edu](#)

... is the original source **annotated** with cycle ... source, the transformed source, **assembly**, compiler information file, and **performance** ex- periment data ...

Cited by 2 - Related articles - View as HTML - Web Search - BL Direct - All 3 versions

[\[CITATION\] Software Performance Estimation Strategies in a System-Level Design Tool](#)

JR Barrimi, E Harcourt, W Kruijtzter, L Lavagno, MT ... - Proceedings of the International Workshop on HW/SW Codesign, 2000

Cited by 1 - Related articles - Web Search

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annotate assembler timing

1990

- 2000

Ad
Sc
Sc

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[PDF] ► Worst-case execution-time analysis at low cost

P Puschner - Control Engineering Practice, 1998 - citeseerx.ist.psu.edu

... A low-level WCET analysis tool then computes detailed **timing** information of the **annotated assembler** programs and passes the information back to the source level ...

Cited by 20 - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#) - [All 9 versions](#)

Compilation-based software performance estimation for system level design

MT Lazarescu, JR Bammi, E Harcourt, L Lavagno, M ... - IEEE International High-Level Design Validation and Test ..., 2000 - ieeexplore.ieee.org

... compiler. The output **assembler** is translated to an **assembler-level C** co-simulation model, **annotated with timing** information. The ...

Cited by 21 - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

A compilation-based software estimation scheme for hardware/software co-simulation-

► psu.edu [PDF]

M Lajolo, M Lazarescu, A Sangiovanni-Vincentelli - Proceedings of the seventh international workshop on ..., 1999 - portal.acm.org

... The key idea is to use the GNU-C compiler (CCC) to generate "**assembler-level**" C code. This code can be **annotated with timing** information, and used as a ...

Cited by 53 - [Related articles](#) - [Web Search](#) - [All 14 versions](#)

A sequence assembly and editing program for efficient management of large projects-

► nih.gov [PDF]

S Dear, R Staden - Nucleic acids research, 1991 - Oxford Univ Press

... We describe a sequence **assembly** and editing program ... and has substantially reduced the **time** taken to ... editor also provides facilities for **annotating** the sequences ...

Cited by 251 - [Related articles](#) - [Web Search](#) - [All 6 versions](#)

[PDF] ► Incorporating worst-case execution time in a commercial C-compiler

H Borjesson - Master's thesis, Department of Computer Systems, Uppsala ..., 1995 - citeseerx.ist.psu.edu

... 29 8 Analytic **Timing** Tools 30 8.1 ... 30 8.3 \The **Annotation** Approach" : : : 31 8.4 ...

Cited by 13 - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 7 versions](#)

Whole-genome random sequencing and assembly of Haemophilus influenzae Rd

RD Fleischmann, MD Adams, O White, RA Clayton, EF ... - Science, 1995 - sciencemag.org

... An approach for genome analysis based on sequencing and **assembly** of unselected ... sequenced with automated technology (5). At the present **time**, there are active ge ...

Cited by 3514 - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 12 versions](#)

Which sorting algorithms to choose for hard real-time applications

D Mittermair, P Puschner - Real-Time Systems, 1997. Proceedings., Ninth Euromicro ..., 1997 - ieeexplore.ieee.org

... of the WCET bound from the **annotated assembler** language program. asddp reads an **assembler** pro- gram, looks up the execution **time** for each instruc- tion, and ...

Cited by 6 - [Related articles](#) - [Web Search](#) - [All 6 versions](#)

Code size minimization and retargetable assembly for custom EPIC and VLIW instruction

[formats-umich.edu](#) [PDF]

S Aditya, SA Mahlke, BR Rau - ACM Transactions on Design Automation of Electronic Systems ..., 2000 - portal.acm.org

... of these measures are applied by PICO-VLIW at the **time** that the ... approach, the compiler needs to profile the program and **annotate** the **assembly** code with ...

Cited by 18 - Related articles - Web Search - Library Search - BL Direct - All 11 versions

Real-time performance of sorting algorithms

PP Puschner - Real-Time Systems, 1999 - Springer

... for the computation of the WCET bound from the **annotated assembly** language program. `ass2lp` reads an **assembler** program, looks up the execution time for each ...

[Cited by 5](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 4 versions](#)

Guest editorial: A review of worst-case execution-time analysis

P Puschner, A Burns - Real-Time Systems, 2000 - Springer

... Mok and his group (Mok et al., 1989; Amerasinghe, 1985; Chen, 1987) produced a **timing** tool for **assembly** language programs, which are **annotated** by TAL (**timing** ...

Cited by 58 - Related articles - Web Search - All 4 versions

Key authors: P Puschner - M Lazarescu - M Lajolo - A Burns - P Lee



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"evaluating tight execution time bounds" annot

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[Efficient microarchitecture modeling and path analysis for real-time software-](#) ► [kfupm.edu.sa](#)

[PDF]

YTS Li, S Malik, A Wolfe - In IEEE Real-Time Systems Symposium, 1995 - [eprints.kfupm.edu.sa](#)

... loops. These restrictions can be imposed either through specific language constructs or through an external **annotation** mechanism. ...

Cited by 175 - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 21 versions](#)

[PDF] ► [Worst-case execution-time analysis at low cost](#)

P Puschner - Control Engineering Practice, 1998 - [citeseerx.ist.psu.edu](#)

... from the original program to the machine-language program and **annotate** the assembler ...

Evaluating Tight Execution Time Bounds of Programs by Annotations. ...

Cited by 20 - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#) - [All 9 versions](#)

[Embedded program timing analysis based on path clustering and architecture classification-](#)

► [york.ac.uk](#) [PDF]

R Ernst, W Ye - Proceedings of the 1997 IEEE/ACM international conference on ..., 1997 - [portal.acm.org](#)

... Therefore, as a second step, the user is asked to **annotate** false paths. ... user

annotation with regular expressions is introduced in 11. ...

Cited by 100 - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 16 versions](#)

[On the false path problem in hard real-time programs-](#) ► [kfupm.edu.sa](#) [PDF]

P Altenbernd - In Proceedings of the 8th Euromicro Workshop on Real-time ..., 1996 - [eprints.kfupm.edu.sa](#)

... Recursive functions are additionally **annotated** by an attribute M, the maximum

recursion ... **Evaluating Tight Execution Time Bounds** of Programs by Annotations. ...

Cited by 82 - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 12 versions](#)

[Guest editorial: A review of worst-case execution-time analysis](#)

P Puschner, A Burns - Real-Time Systems, 2000 - Springer

... Chen, 1987) produced a timing tool for assembly language programs, which are **annotated**

by TAL ... **Evaluating tight execution time bounds** of programs by annotations ...

Cited by 58 - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

[PDF] ► [Complete worst-case execution time analysis of straight-line hard real-time programs](#)

F Stappert, P Altenbernd - Journal of Systems Architecture, 2000 - [fbi.fh-darmstadt.de](#)

... Page 7. – 7 – The approach presented in [10] tries to provide a user-**annotation**-free solution. However, like the above mentioned ...

Cited by 77 - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 15 versions](#)

[A retargetable technique for predicting execution time of code segments-](#) ► [psu.edu](#) [PDF]

MG Harmon, TP Baker, DB Whalley - Real-Time Systems, 1994 - Springer

... procedure. The source level code is **annotated** with line numbers that are used by the user to specify which code segments to time. ...

Cited by 52 - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 7 versions](#)

[Execution cost interval refinement in static software analysis-](#) ► [psu.edu](#) [PDF]

F Wolf, R Ernst - Journal of Systems Architecture, 2001 - Elsevier

... 18], Puschner and Koza [22], and Park and Shaw [21] require iteration bounds for

all loops in the program which the designer must provide by loop **annotation**. ...

[Cited by 19](#) - [Related articles](#) - [Web Search](#) - [All 10 versions](#)

Combining static worst-case timing analysis and program proof

R Chapman, A Burns, A Wellings - Real-Time Systems, 1996 - Springer

... 147 The second class of **annotation** used in SPARK is the ... In the absence of a call mapping **annotation**, one of two default mappings may be used. ...

[Cited by 56](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

Cinderella: A retargetable environment for performance analysis of real-time software-

► [iitd.ernet.in](#) [PS]

YTS Li, S Malik, A Wolfe - Lecture notes in computer science, 1997 - Springer

... with other existing methods, ours offers more powerful path **annotation** mechanism and more ... **Evaluating tight execution time bounds** of pro- grams by annotations. ...

[Cited by 7](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 5 versions](#)

Key authors: [Y Li](#) - [S Malik](#) - [A Wolfe](#) - [P Altenbernd](#) - [R Ernst](#)

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